

## 20-210 Removal and installation of water pump

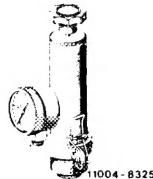
### Tightening torques

		Nm	(kpm)
Drain plug, radiator	type 115.1	6–10	(0.6–1)
	type 123.1	15–2 <sup>1)</sup>	(a 15–0.2)
Water pump to water pump housing		9	(0.9)
Fan to water pump		25	(2.5)

<sup>1)</sup> This torque can be set by means of a washer or a coin.

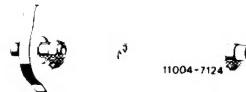
### Special tools

Tester for cooling system



001 589 48 21 00

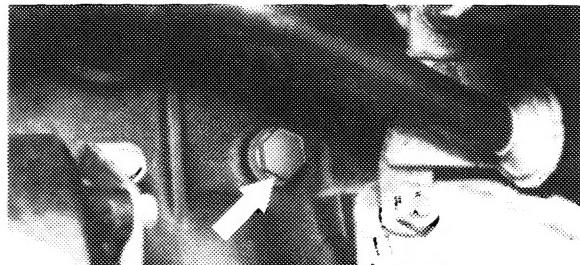
Radiator cap with hose for leak test  
for leak test



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### Removal

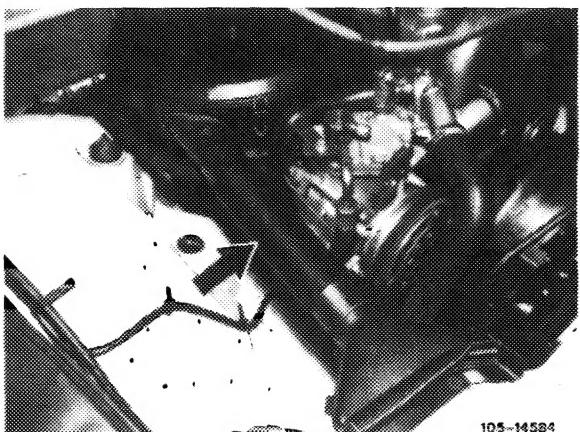
- 1 Completely drain coolant (20-010)
- 2 Unscrew fan.
- 3 Slacken V-belt of alternator and remove.



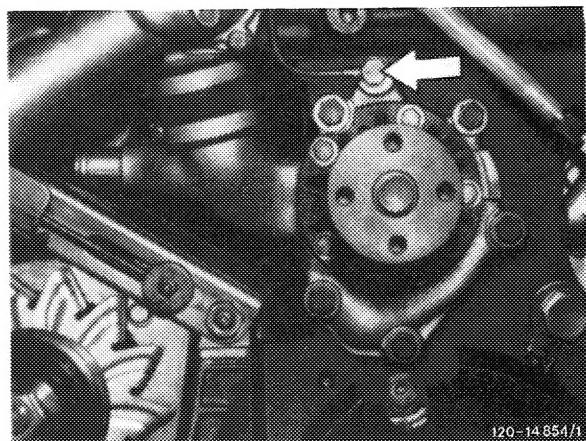
Drain plug on cylinder crankcase



- 4 On vehicles with automatic climate control, remove York refrigerant compressor with carrier and connected lines and put aside.  
For this purpose, on engine 617 in model 123.1, remove adaptor between air filter and scoop.



5 Unscrew water pump and remove.



### Installation

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6 Insert water pump with new gasket and screw down.

7 For further installation proceed vice versa.

8 Tension V-belt of alternator (13–340).

9 Pressure-test cooling system with tester.